

Functional Area WBS #: 20 Radiation Protection

Completed by: D. S. Kirschner (ANL-W) L. E. Auman (INEEL)

FUNCTIONAL AREA SUMMARY FORM

(ANL-W & INEEL Laboratory Consolidation to INL)

Consider facilities, hardware, processes, procedures, personnel, training, database, etc. in your functional area.

1) **ACTIVITIES** needed to transition

What activities should be conducted to support to transition to a single contractor? When is the most opportune time to conduct each activity (pre-transition, transition, incoming contractor)?

Activities to transition functional area to one contractor	3/1 – 11/15 Pre-transition	11/15 – 1/30 Transition	1/31/05 Incoming Contractor
1. Merge documents/procedures at all levels in the hierarchy.			X
2. Implement a single Dosimetry/Exposure control program			X
3. Incorporate Radiological instrumentation management into one program			X
4. Work controls will be dependent on the development of numbers 1 and 2 above.			X
5. Merge Rad Worker and Rad Con Technician training programs as defined in the new RPP (see number 12 below).			X
6. Emergency response will depend on the development of company wide response procedures.			X
7. Incorporate the ALARA programs as defined in the new RPP (see number 12 below).			X
8. Continue with required assessments and implement as defined in the new RPP (see number 12 below).			X
9. Combine the two source control programs into one source control program for the INL.			X

Activities to transition functional area to one contractor	3/1 – 11/15 Pre-transition	11/15 – 1/30 Transition	1/31/05 Incoming Contractor
10. Combine laundry/respirator cleaning & repair contracts.			X
11. Revise the INEEL and ANL-W Radiation Protection Programs (RPPs) into one document.			X

2) GAP(S)

In your functional area, identify gap(s) that may inhibit a smooth transition. Please list below. Additionally, utilize the Gap/Risk Description form to define each gap/issue.

- Merging the current RPPs into one INL RPP
- Implementation of a single dosimetry/exposure control program

NOTES

Maintenance Subcontracts – Both the INEEL and ANL-W currently maintain contracts for the maintenance of radiation protection equipment. The decision to continue these subcontracts will rest with the new INL contractor. In some cases, the INL may decide to maintain a maintenance contract while in other cases a decision to perform the service in-house could be reached.

Radiation Protection Procurements and Supplies – Each facility currently stocks appropriate supplies of PPE and other radiation protection consumables and supplies. These stocks will be maintained through transition.

RCT Staff Augmentation – Approximately 1/3 of INEEL RCTs are subcontracted. This is not the case with the ANL-W RCT staff.

RCT INEEL and ANL-W Facility Cross-Training – A basic working assumption is that INEEL and ANL-W RCT personnel will continue to work at their respective facilities for some at least six months following transition.

3) Other

Are there issues or concerns outside of your functional area that may inhibit the consolidation? If so, please list. Additionally, utilize the Gap/Risk Description form to define each gap/issue.

- Currently INEEL RadCon Techs are represented employees and the ANL-W RadCon Techs are not. (See WBS 1.6 Labor Relations)
- Computer firewall (See WBS 12.12 Information Management – CyberSecurity)

4) Have you initiated any actions outside of this review to facilitate the integration? If so, please describe.

NA

Functional Area WBS #: 20 Radiation Protection

Completed by: D. S. Kirschner (ANL-W) L. E. Auman (INEEL)

GAP/RISK DESCRIPTION FORM

Radiation Protection Program

Please complete one form per gap.

- a) Describe the gap(s) that affects the integration of ANL-W and INEEL.
Merging the current Radiation Protection Programs into one document and obtaining DOE approval. Although both current RPPs are in compliance with 10 CFR 835, considerable effort will be required to combine or rework programs as per the new contractor's business philosophy.
- b) Rank the risk, on a scale of 1 to 5, associated with the above gap, and describe the impact(s)?
(Risk 1 = minimal consequence on January 31, 2005; Risk 5 = operational barrier to laboratory on January 31, 2005)
Risk: **2**
Description: The Radiation Protection Program (RPP) must be revised approved by DOE and then implemented by means of lower tier documents.
- c) What steps should be taken to address the gap(s) and when (pre-transition, transition, incoming contractor)? Please indicate the owner of the action (ANL-W, INEEL, or both where applicable).

	3/1 – 11/15 Pre-transition	11/15 – 1/30 Transition	1/31/05 Incoming Contractor
1.Revise the INEEL RPP and the ANL-W RPP			INL
1.1 Revise and submit INL RPP for review and approval			INL
1.2 Implement approved RPP			INL

Functional Area WBS #: 20 Radiation Protection

Completed by: D. S. Kirschner (ANL-W) L. E. Auman (INEEL)

GAP/RISK DESCRIPTION FORM

Dosimetry/exposure control

Please complete one form per gap.

- a) Describe the gap(s) that affects the integration of ANL-W and INEEL.

Merging the current separate dosimetry/exposure control programs into one for the entire INL.

- b) Rank the risk, on a scale of 1 to 5, associated with the above gap, and describe the impact(s)?
(Risk 1 = minimal consequence on January 31, 2005; Risk 5 = operational barrier to laboratory on January 31, 2005)

Risk: **2**

Description:

At present, INEEL and ANL-W have different administrative control levels for doses to rad workers. As work functions begin to integrate and employees work at different locations at the INL, these separate administrative control levels and methods of tracking dose at the two entities need to be resolved. These changes may be combined with efforts at merging work control and training systems as well as efforts on removing the INEEL computer fire wall.

- c) What steps should be taken to address the gap(s) and when (pre-transition, transition, incoming contractor)? Please indicate the owner of the action (ANL-W, INEEL, or both where applicable).

	3/1 – 11/15 Pre-transition	11/15 – 1/30 Transition	1/31/05 Incoming Contractor
1. Establish site-wide dose tracking system.			INL
2. Establish site-wide administrative control level.			INL